

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Oliver Pursche</td> <td>06/07/2013</td> </tr> <tr> <td>Peter Volk</td> <td>06/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Oliver Pursche	06/07/2013	Peter Volk	06/04/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Centrotherm Photovoltaics AG</td> </tr> <tr> <td>Street Address:</td> <td>Johannes-Schmid-Str 8</td> </tr> <tr> <td>City:</td> <td>Blaubeuren</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>89143</td> </tr> </table>		Name:	Centrotherm Photovoltaics AG	Street Address:	Johannes-Schmid-Str 8	City:	Blaubeuren	State/Country:	GERMANY	Postal Code:	89143
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2166214072</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 216-621-2234</p> <p>Email: ddenn@tarolli.com</p> <p>Correspondent Name: TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.</p> <p>Address Line 1: 1300 EAST NINTH STREET, SUITE 1700</p> <p>Address Line 4: CLEVELAND, OHIO 44114</p>											
ATTORNEY DOCKET NUMBER:	WG-020288-US-PCT										
NAME OF SUBMITTER:	Matthew M. Shaheen										
Signature:	/Matthew M. Shaheen/										
Date:	06/19/2013										
<p>Total Attachments: 2</p> <p>source=WG020288USPCTASSIGNMENT#page1.tif</p> <p>source=WG020288USPCTASSIGNMENT#page2.tif</p>											

OP \$40.00 13988825

ASSIGNMENT

WHEREAS, We, Oliver Pursche and Peter Volk, of Sachsenweg 54, 89075 Ulm, Country of Federal Republic of Germany; and of Rotlehweg 14, 89608 Friesingen, Country of Federal Republic of Germany have made new and useful improvements in **APPARTUS AND METHOD FOR THE THERMAL TREATMENT OF SUBSTRATES**; for which application for Letters Patent of the United States has been filed on May 22, 2013 under Serial No. 13/988,825; and

WHEREAS, Centrotherm Photovoltaics AG, a corporation duly organized and existing under the laws of Germany, having a place of business Johannes-Schmid-Str. 8, 89143 Blaubeuren, Federal Republic of Germany is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;


NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said, Oliver Pursche and Peter Volk, do hereby assign, sell and set over unto the said Centrotherm Photovoltaics AG its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said application Serial No. 13/988,825 for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said Centrotherm Photovoltaics AG its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Centrotherm Photovoltaics AG its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Centrotherm Photovoltaics AG its successors or assigns.

Executed this day of June 7, 2013.



Oliver Pursche

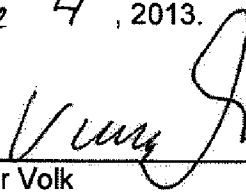
Witnessed:



Name: Julia Under

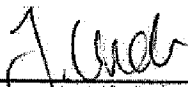
Executed this

day of June 4, 2013.



Peter Volk

Witnessed:



Name: Julia Under